

## Survey test of third-grade computation skills

1. $\begin{array}{r} 476 \\ + 200 \\ \hline \end{array}$	2. $\begin{array}{r} 807 \\ + 407 \\ \hline \end{array}$	3. $\begin{array}{r} 9000 \\ + 3010 \\ \hline \end{array}$
4. $\begin{array}{r} 3168 \\ + 5426 \\ \hline \end{array}$	5. $\begin{array}{r} 4727 \\ + 2761 \\ \hline \end{array}$	6. $\begin{array}{r} 7964 \\ + 385 \\ \hline \end{array}$
7. $\begin{array}{r} 604 \\ - 237 \\ \hline \end{array}$	8. $\begin{array}{r} 704 \\ - 369 \\ \hline \end{array}$	9. $\begin{array}{r} 501 \\ - 269 \\ \hline \end{array}$
10. $\begin{array}{r} 7134 \\ - 3487 \\ \hline \end{array}$	11. $\begin{array}{r} 5094 \\ - 4630 \\ \hline \end{array}$	12. $\begin{array}{r} 8751 \\ - 2683 \\ \hline \end{array}$
13. $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$	14. $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$	15. $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$
16. $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$	17. $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$	18. $\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$
19. $\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$	20. $\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$	21. $\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$
22. $\begin{array}{r} 34 \\ \times 2 \\ \hline \end{array}$	23. $\begin{array}{r} 26 \\ \times 1 \\ \hline \end{array}$	24. $\begin{array}{r} 31 \\ \times 8 \\ \hline \end{array}$
25. $24 \div 3 = \underline{\hspace{2cm}}$	26. $12 \div 2 = \underline{\hspace{2cm}}$	27. $4 \overline{)16}$
28. $5 \overline{)16}$	29. $4 \overline{)34}$	30. $7 \overline{)58}$
31. $\begin{array}{r} 17 \\ \times 5 \\ \hline \end{array}$	32. $\begin{array}{r} 49 \\ \times 2 \\ \hline \end{array}$	33. $\begin{array}{r} 16 \\ \times 4 \\ \hline \end{array}$
34. $\begin{array}{r} 82 \\ \times 4 \\ \hline \end{array}$	35. $\begin{array}{r} 74 \\ \times 2 \\ \hline \end{array}$	36. $\begin{array}{r} 81 \\ \times 5 \\ \hline \end{array}$
37. $\begin{array}{r} 342 \\ \times 2 \\ \hline \end{array}$	38. $\begin{array}{r} 637 \\ \times 1 \\ \hline \end{array}$	39. $\begin{array}{r} 312 \\ \times 3 \\ \hline \end{array}$
40. $\begin{array}{r} 436 \\ \times 3 \\ \hline \end{array}$	41. $\begin{array}{r} 578 \\ \times 6 \\ \hline \end{array}$	42. $\begin{array}{r} 638 \\ \times 7 \\ \hline \end{array}$
43. $3 \overline{)36}$	44. $4 \overline{)44}$	45. $2 \overline{)28}$
46. $3 \overline{)51}$	47. $4 \overline{)72}$	48. $7 \overline{)84}$
49. $\frac{1}{3}$ of 6 = $\underline{\hspace{2cm}}$	50. $\frac{1}{4}$ of 8 = $\underline{\hspace{2cm}}$	51. $\frac{1}{2}$ of 12 = $\underline{\hspace{2cm}}$
52. $\frac{1}{\hspace{1cm}} = \frac{\hspace{1cm}}{\hspace{1cm}}$	53. $\frac{2}{\hspace{1cm}} = \frac{\hspace{1cm}}{\hspace{1cm}}$	54. $\frac{2}{\hspace{1cm}} = \frac{\hspace{1cm}}{\hspace{1cm}}$

### Item Analysis of Survey Test

Problems 1–3:	Addition: With zero
Problems 3–6:	Addition: Multidigit plus multidigit
Problems 7–9:	Subtraction: Regrouping more than once with zero in minuend
Problems 10–12:	Subtraction: Four-digit numbers with regrouping
Problems 13–21:	Multiplication: Facts for 6 through 9 with 0 and 1 properties and order proportions
Problems 22–24:	Multiplication: Two-digit number times one-digit number
Problems 25–27:	Division: Facts
Problems 28–30:	Division: Two-digit number divided by one-digit number, with remainder
Problems 31–33:	Multiplication: Two-digit number times one-digit number, with tens regrouping
Problems 34–36:	Multiplication: Two-digit number times one-digit number, with hundreds regrouping
Problems 37–39:	Multiplication: Three-digit number times one-digit number, without regrouping
Problems 40–42:	Multiplication: Three-digit number times one-digit number, with regrouping
Problems 43–45:	Division: Two-digit number divided by one-digit number, without regrouping
Problems 46–48:	Division: Two-digit number divided by one-digit number, with regrouping
Problems 49–51:	Fractions: Of a whole number
Problems 52–54:	Fractions: Equivalent fractions